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**FACSIMILE COVER SHEET**

DATE: January 20, 2005  
FOR: Examiner Frank Tsay  
COMPANY OR FIRM: PTO  
FACSIMILE NO.: (703) 872-9306  
FROM: Beth Pearson-Naul for Kaushik P. Sriram  
RE: Serial No.: 10/674,248  
Docket No.: 014-12049-D3  
Title: "Wellbores Utilizing Fiber Optic-Based Sensors and Operating Devices"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 14

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Response to Office Action Dated October 29, 2004

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I hereby certify that this correspondence is being transmitted by Facsimile on January 20, 2005 addressed to: Commissioner for Patents, at Telephone No. 703-872-9306

  
Beth Pearson-Naul**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Paulo S. Tubel et al.	§	Group Art Unit: 3672
	§	
SERIAL NO.: 10/674,248	§	
	§	Examiner: Tsay, Frank
FILED: September 29, 2003	§	
	§	
TITLE: "Wellbores Utilizing Fiber Optic- Based Sensors and Operating Devices"	§	Confirmation No.: 3193
	§	
	§	Atty Docket No.: 014-12049-D3

**RESPONSE TO OFFICE ACTION OF 29 OCTOBER 2004**

This is in response to the office action of 29 October 2004. Please amend the application as indicated below. Reconsideration of the application as amended is respectfully requested. Amendments to the claims start on page 2 of this document. Remarks start on page 10 of this document.